(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 9 September 2005 (09.09.2005)

(10) International Publication Number WO 2005/081624 A3

(51) International Patent Classification':

B28D 1/04

(21) International Application Number:

PCT/IB2005/000412

(22) International Filing Date:

18 February 2005 (18.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2004/1357

19 February 2004 (19.02.2004)

- (71) Applicant (for all designated States except US): CORSTOR (PROPRIETARY) LIMITED [ZA/ZA]; Northlands Industrial Park, Epsom Avenue, North Riding, 2194 Randburg (ZA).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): WILSON, John, David [ZA/ZA]; 34 Villa Torino, 2021 Bryanston (ZA).
- (74) Agent: GALGUT, John; Galgut & Galgut, P O Box 633, 2121 Parklands (ZA).

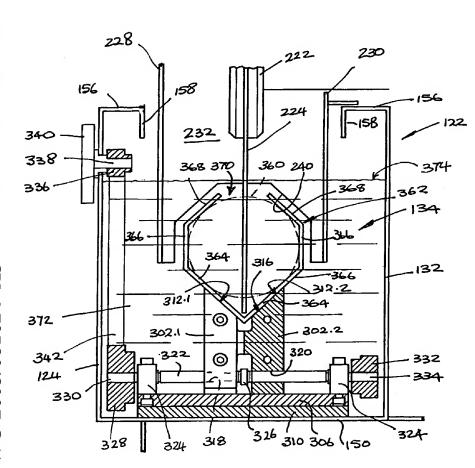
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: CORE SPLITTERS



(57) Abstract: A core splitter (10) comprises a through in which a core support (30) is carried. A cutting head (200) carries a rotary cutting tool (224) which is contained within a cowling. The trough contains a water bath (372) in which the core (360) is located below the water level so that the cutting operation take place in the water. A settling tank (140) is provided at one end of the trough so that any cuttings are moved to the settling tank (140).

(88) Date of publication of the international search report: 16 February 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.